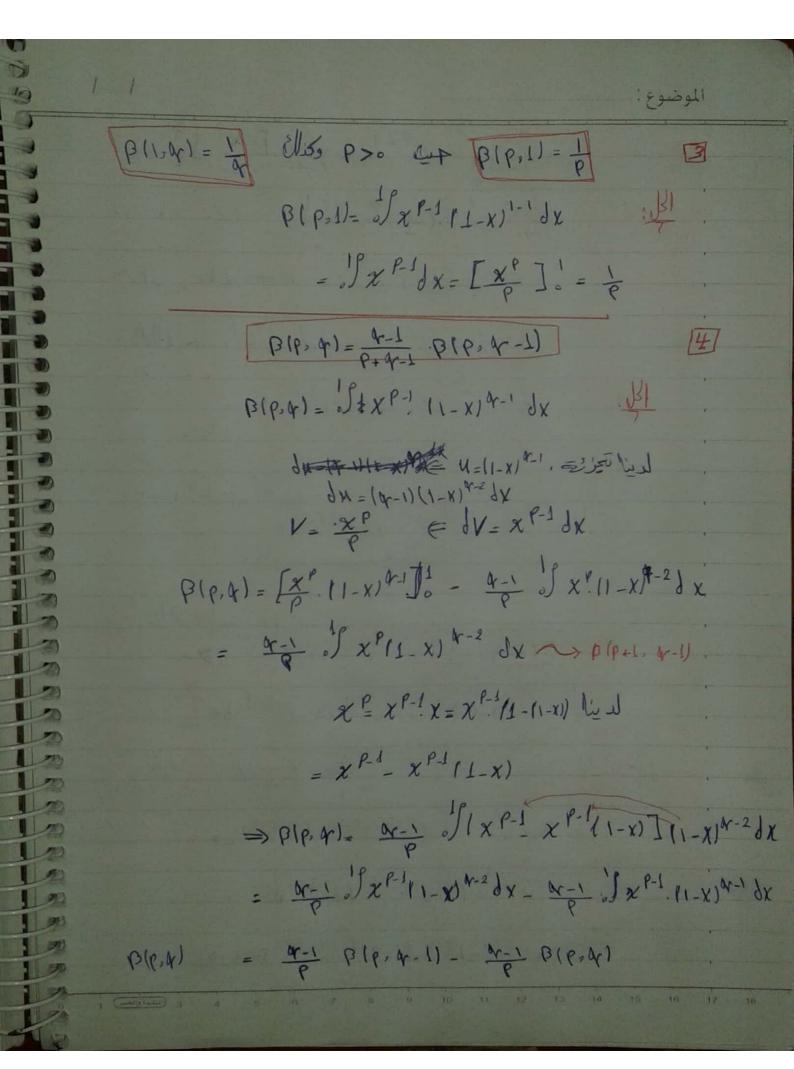
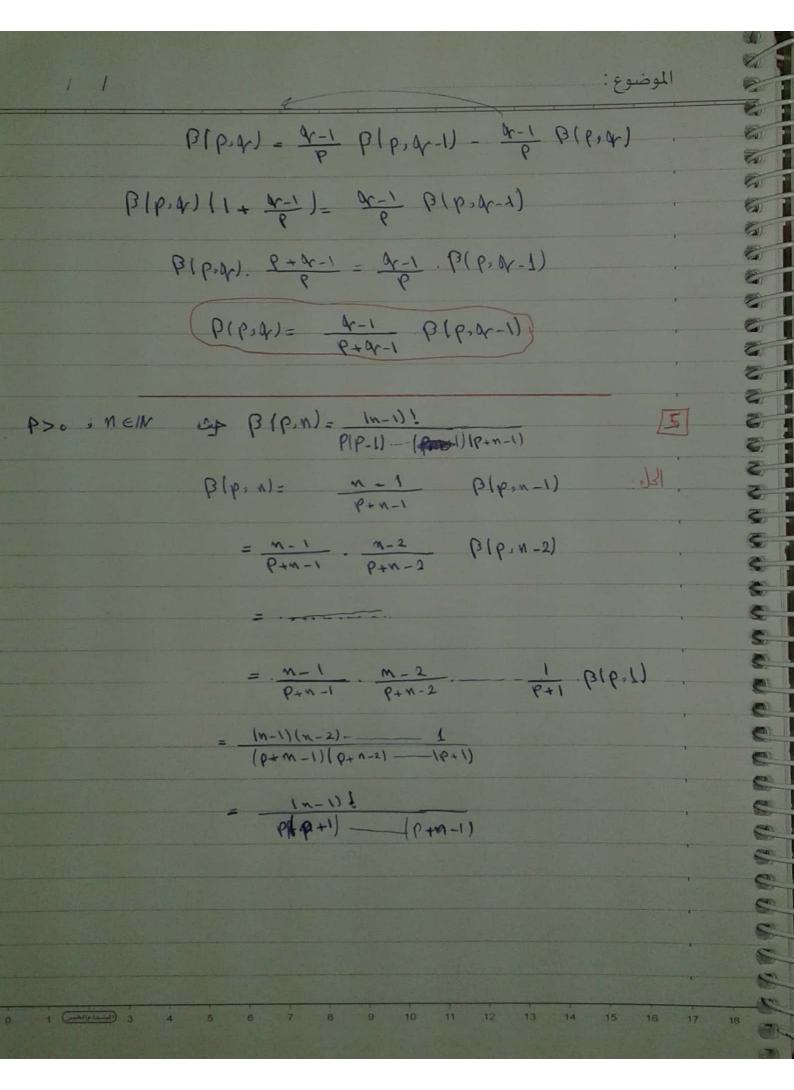


1 1 $\lim_{x \to \infty} \int_{x}^{2} x^{p-1} dx = \lim_{x \to \infty} \left[\frac{x^{p}}{2} \right]_{x}^{\frac{1}{2}}$ lim - [1] = EP] 8 8 : - still a still is - is tell tipl unp obile. $I_{1} = \frac{1}{2} \int_{\mathcal{X}} \chi^{p-1} (1-\chi)^{q-1}$ T2= 1/8 8-1 11-X18-11 /2 / 1= IZ= 1/8 / 1 = فتقاري عندما ٥ ﴿ ٢٠. : B a till # [2] box β(P, 4)= β(4, p)) , P>0, 4>0 Blp.4)= 18x P-1 11-x14-1 dx dx = -dt = x = 1 - t = 1 - x = t is jed => B(P=qr)=-1 (1-t)P-1 (t) qr-1 dt= = 1 (1-t) P-1 (t) a-1 dE $= \int_{-\infty}^{\infty} (\pm)^{\alpha-1} (1-\pm)^{\beta-1} d\pm = \rho(\alpha, \beta)$





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